



August 24, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Lone Tree Federal 2-21-9-17	Lone Tree Federal 8-21-9-17
Lone Tree Federal 3-21-9-17	Lone Tree Federal 9-21-9-17
Lone Tree Federal 4-21-9-17	Lone Tree Federal 11-21-9-17
Lone Tree Federal 5-21-9-17	Lone Tree Federal 12-21-9-17
Lone Tree Federal 6-21-9-17	Lone Tree Federal 13-21-9-17
Lone Tree Federal 7-21-9-17	Lone Tree Federal 16-21-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-21-9-17 and 13-21-9-17 are also Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-75036

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Lone Tree

8. Lease Name and Well No.

Lone Tree Federal 3-21-9-17

9. API Well No.

43-013-33 292

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NW/NW Sec. 21, T9S R17E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface NE/NW 799' FNL 1965' FWL 584203X 40.021614

At proposed prod. zone 4430413Y - 110.013268

14. Distance in miles and direction from nearest town or post office*

Approximatley 15.9 miles southeast of Myton, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 675' f/lse, 799' f/unit

16. No. of Acres in lease

120.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*

to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1506'

19. Proposed Depth

5700'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5322' GL

22. Approximate date work will start*

4th Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Mandie Crozier

Name (Printed/Typed)

Mandie Crozier

Date

8/24/06

Title

Regulatory Specialist

Approved by (Signature)

Bradley G. Hill

Name (Printed/Typed)

BRADLEY G. HILL
Office
ENVIRONMENTAL MANAGER

Date

08-29-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

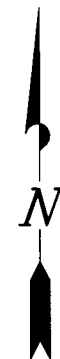
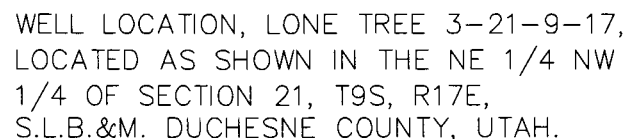
Federal Approval of this
Action is Necessary

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACADEMIC SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
06-10-06

SURVEYED BY: D.P.

DATE DRAWN:
06-27-06

DRAWN BY: F.T.M.

REVISÉD:

SCALE: 1" = 1000'

 = SECTION CORNERS LOCATED

BASIS OF ELEV;

U.S.G.S. 7-1/2 min QUAD (MYTON SE)

LONE TREE 3-21-9-17
(Surface Location) NAD 83
LATITUDE = 40° 01' 17.47"
LONGITUDE = 110° 00' 50.34"

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #3-21-9-17
NE/NW SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2040'
Green River	2040'
Wasatch	5700'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2040' – 5700' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #3-21-9-17
NE/NW SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal #3-21-9-17 located in the NE 1/4 NW 1/4 Section 21, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles \pm to it's junction with an existing road to the south; proceed southeasterly - 1.6 miles \pm to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 840' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05. Paleontological Resource Survey prepared by, Wade E. Miller, 6/2/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #3-21-9-17 Newfield Production Company requests 840' of disturbed area be granted in Lease UTU-75036 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 840' of disturbed area be granted in Lease UTU-75036 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 840' of disturbed area be granted in Lease UTU-75036 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Lone Tree Federal 2-21-9-17.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal #3-21-9-17 was on-sited on 7/27/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**Representative**

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

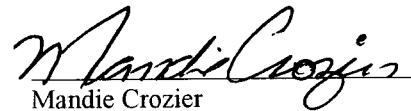
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-21-9-17 NE/NW Section 21, Township 9S, Range 17E: Lease UTU-75036 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/24/06

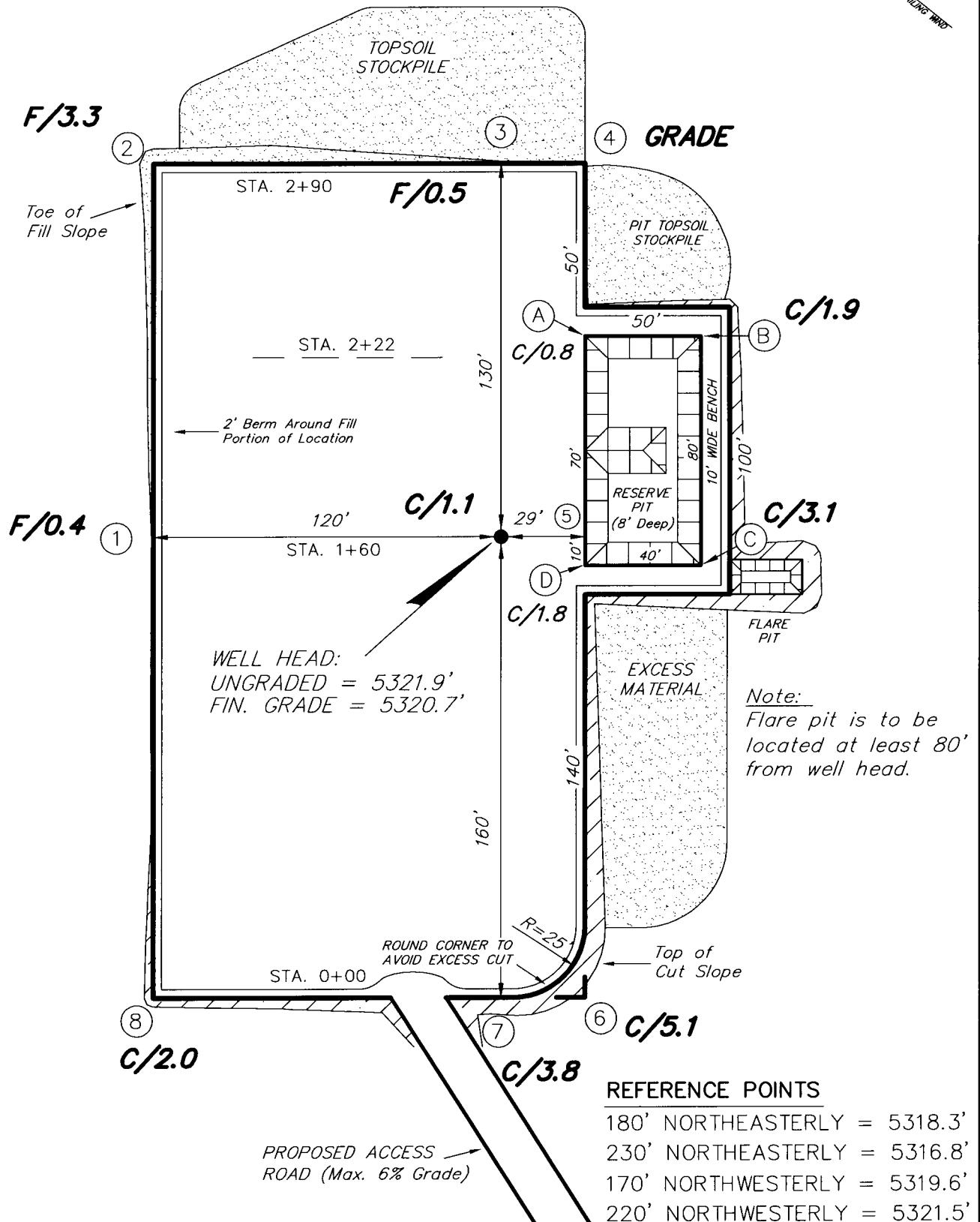
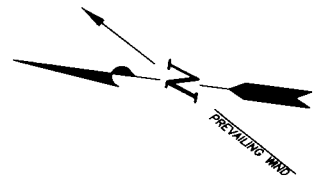
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

LONE TREE 3-21-9-17

Section 21, T9S, R17E, S.L.B.&M.



SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-27-06

Tri State
 Land Surveying, Inc.

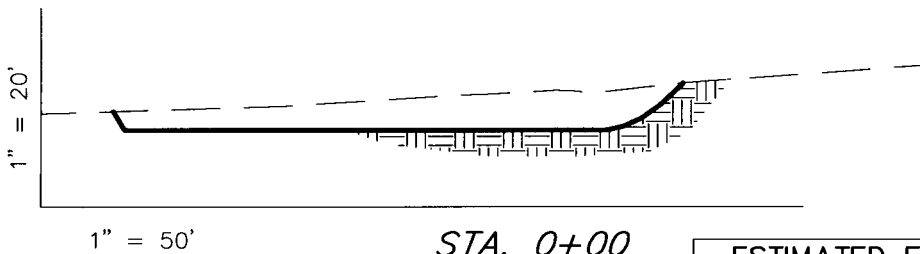
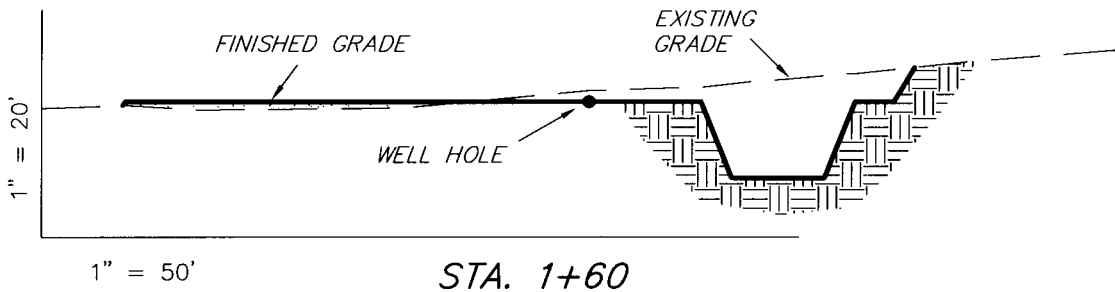
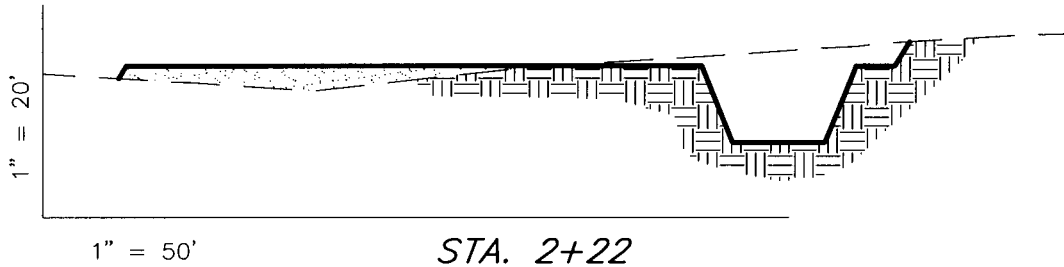
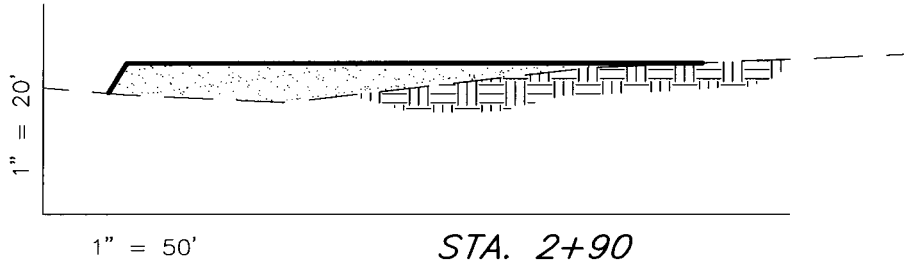
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE 3-21-9-17



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,450	1,450	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,090	1,450	960	640

SURVEYED BY: D.P.

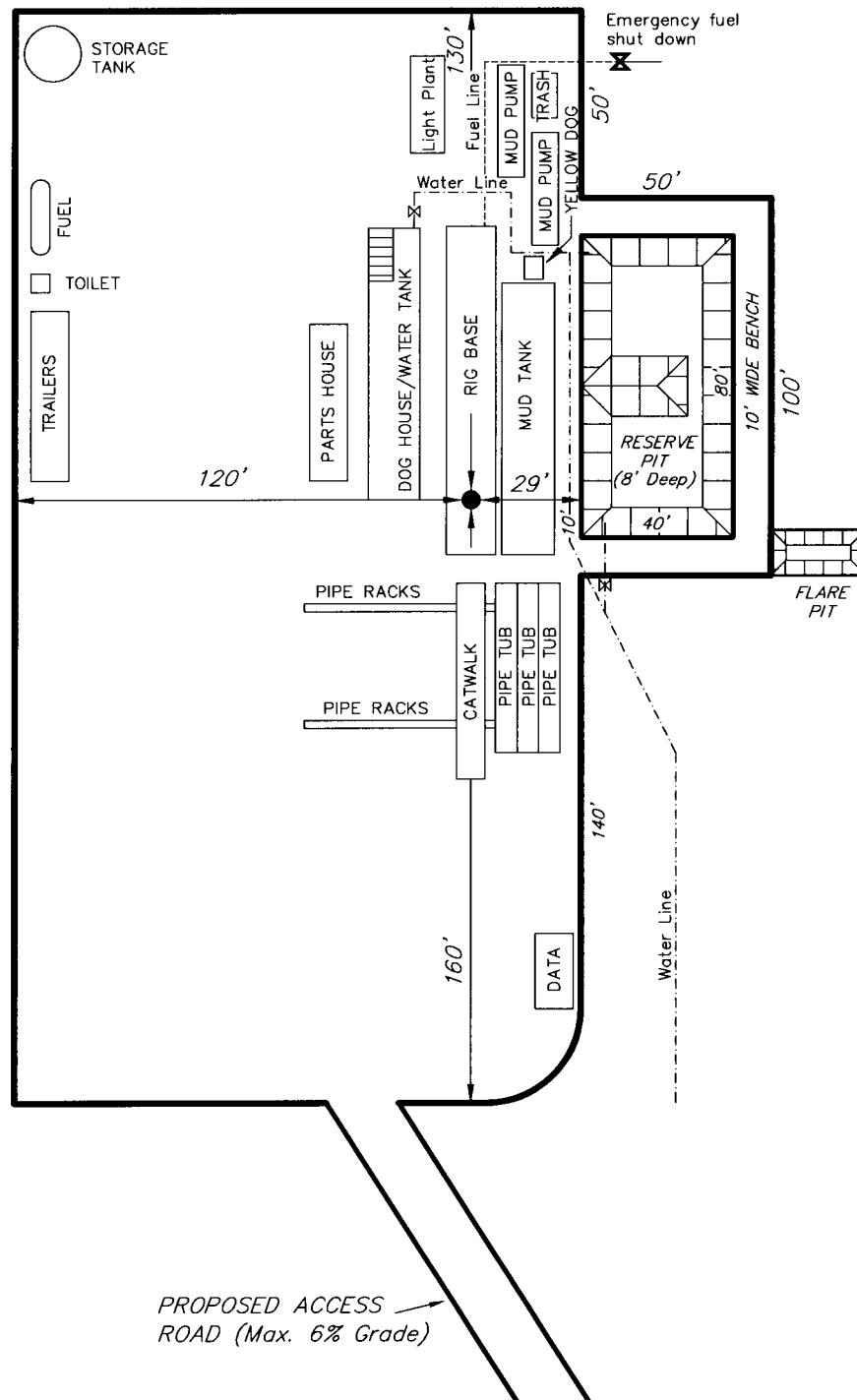
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-27-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
LONE TREE 3-21-9-17



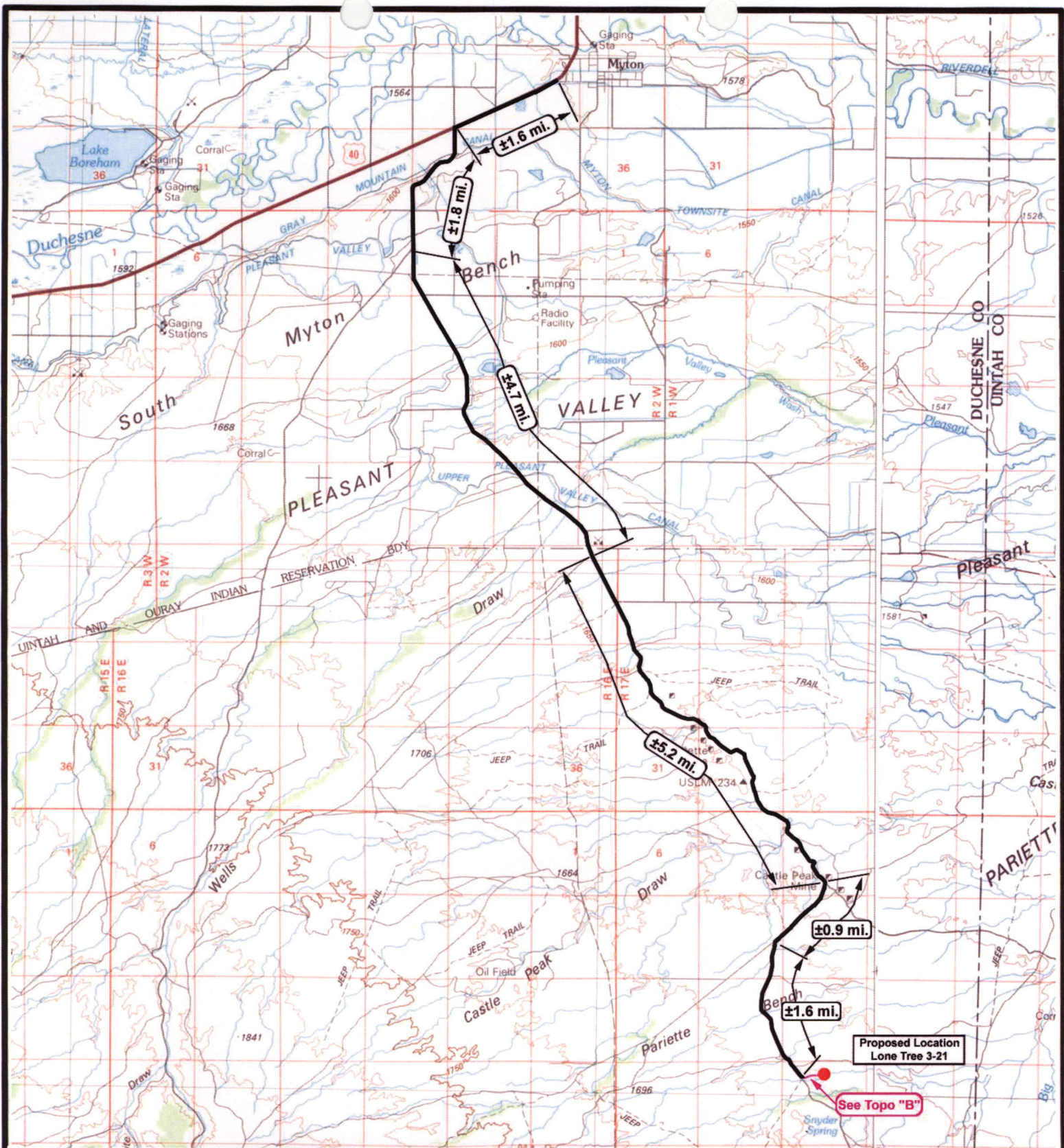
SURVEYED BY: D.P.


SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-27-06

Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501





NEWFIELD
Exploration Company

Lone Tree 3-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

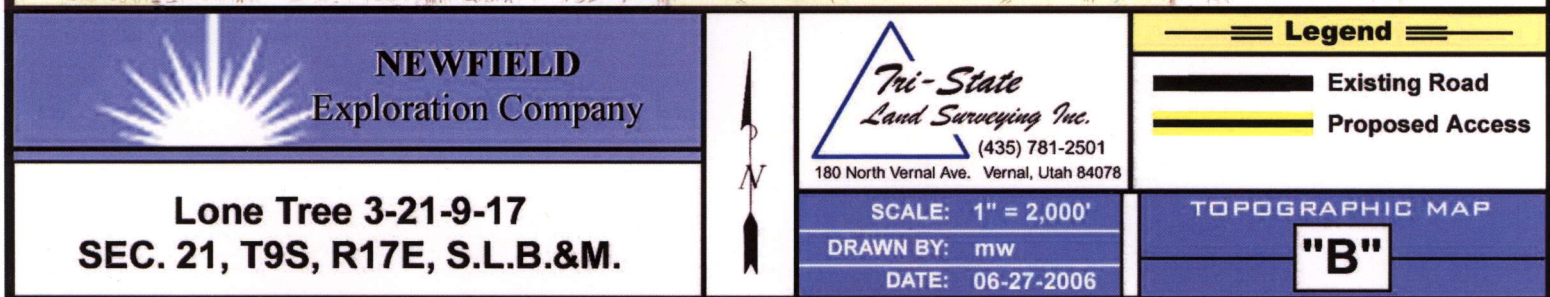
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DRAWN BY: mw
DATE: 06-27-2006

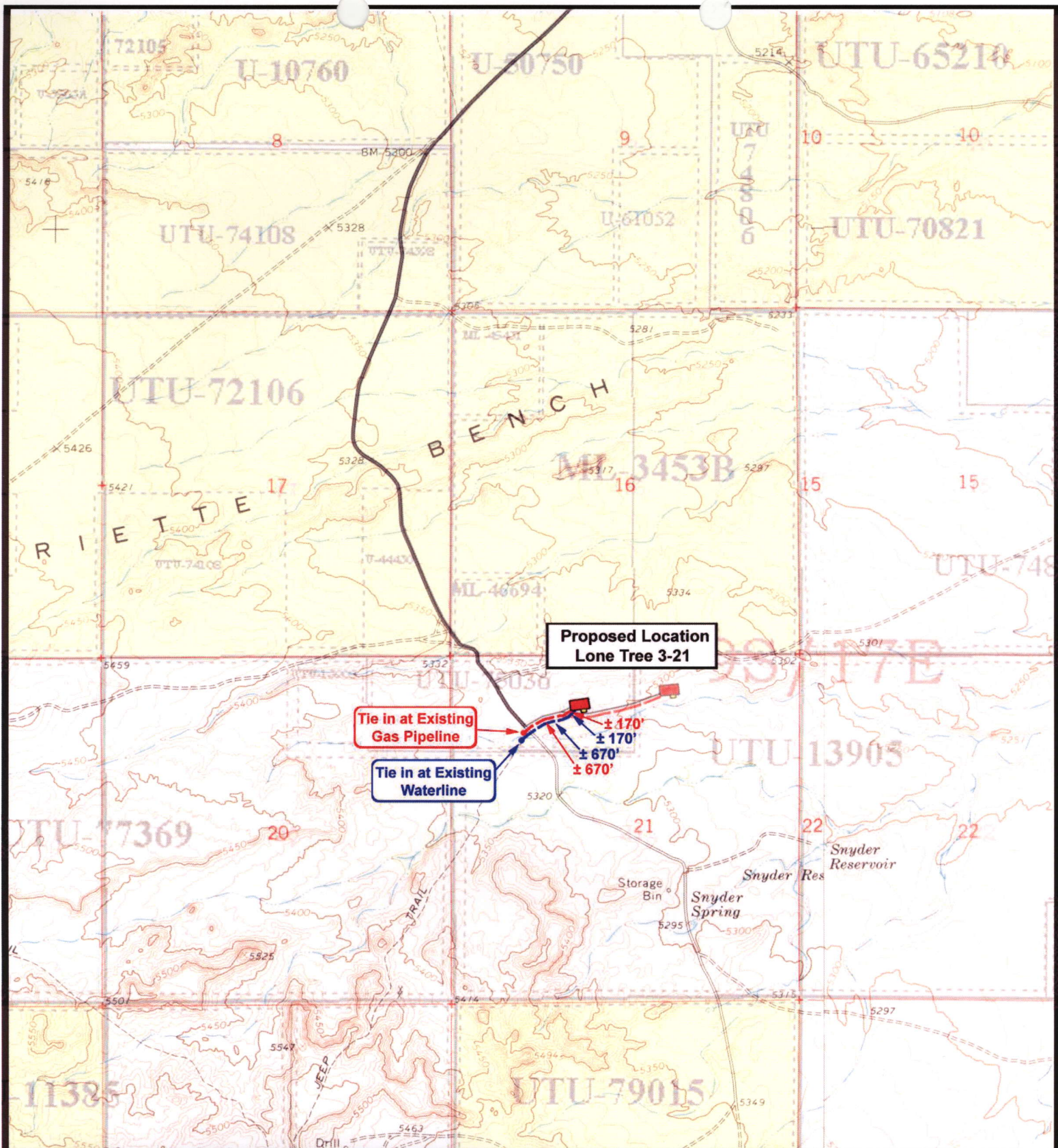
Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Lone Tree 3-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

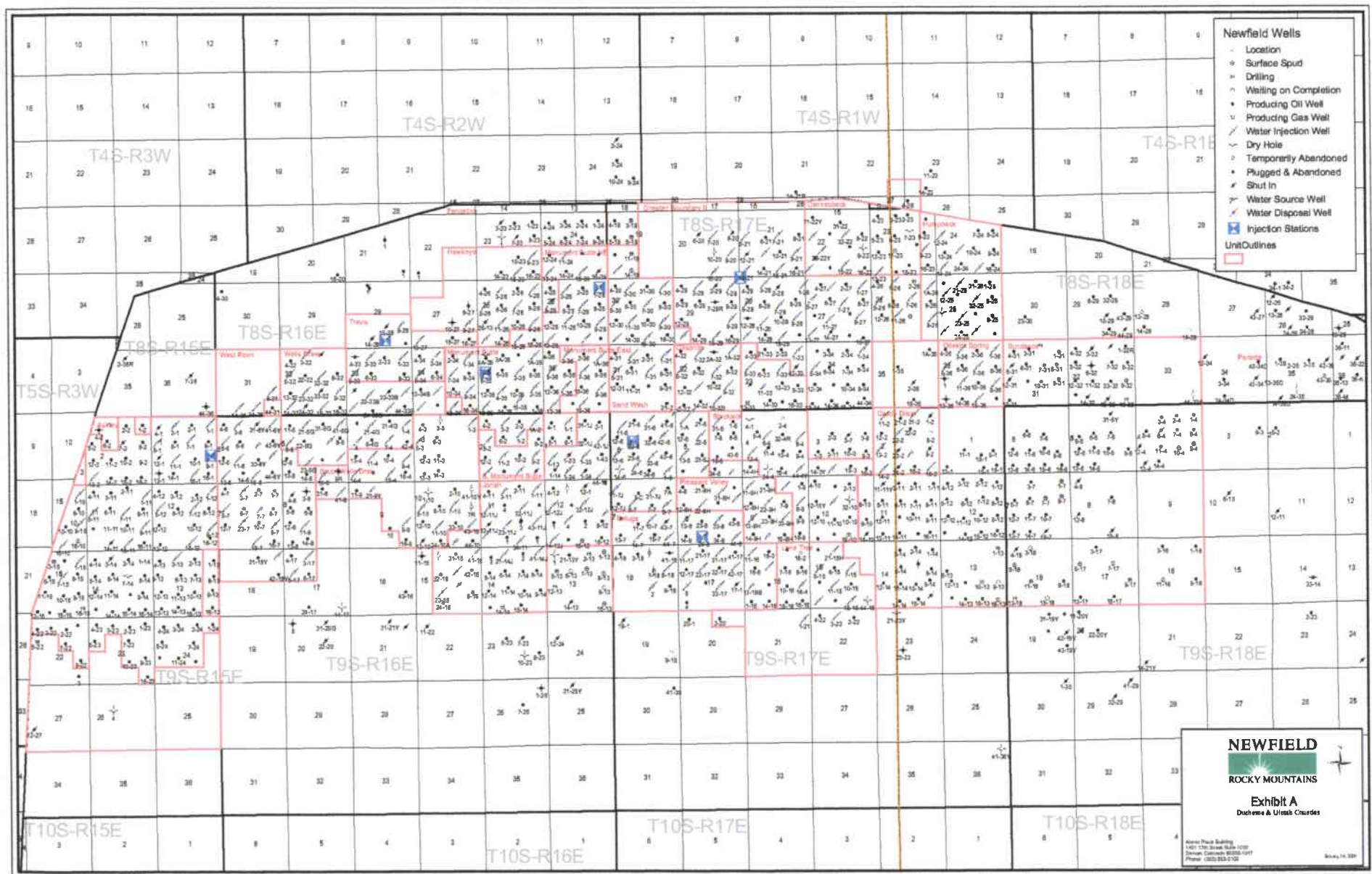
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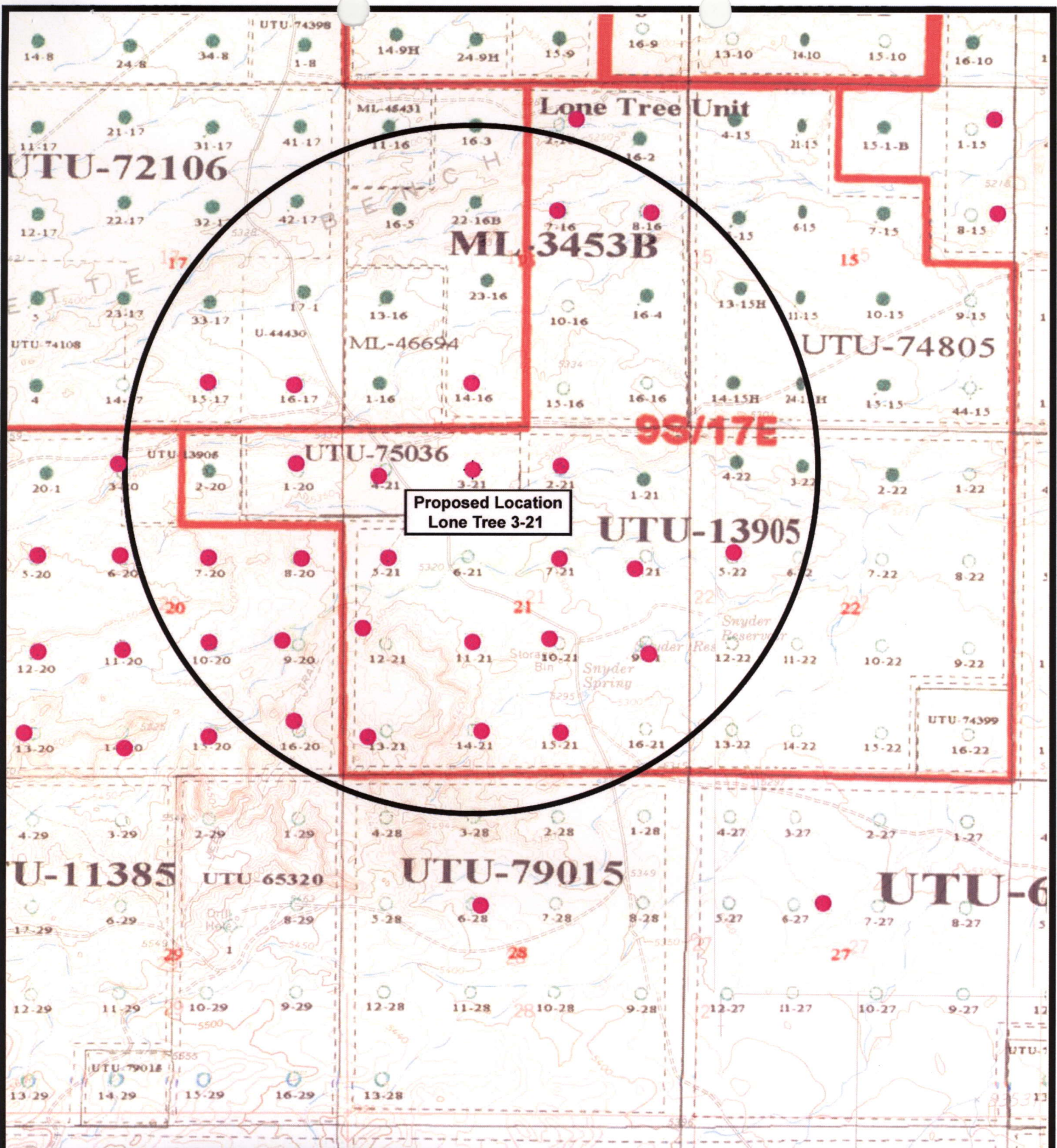
Legend


- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

Lone Tree 3-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 06-27-2006

Legend

● Location

One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

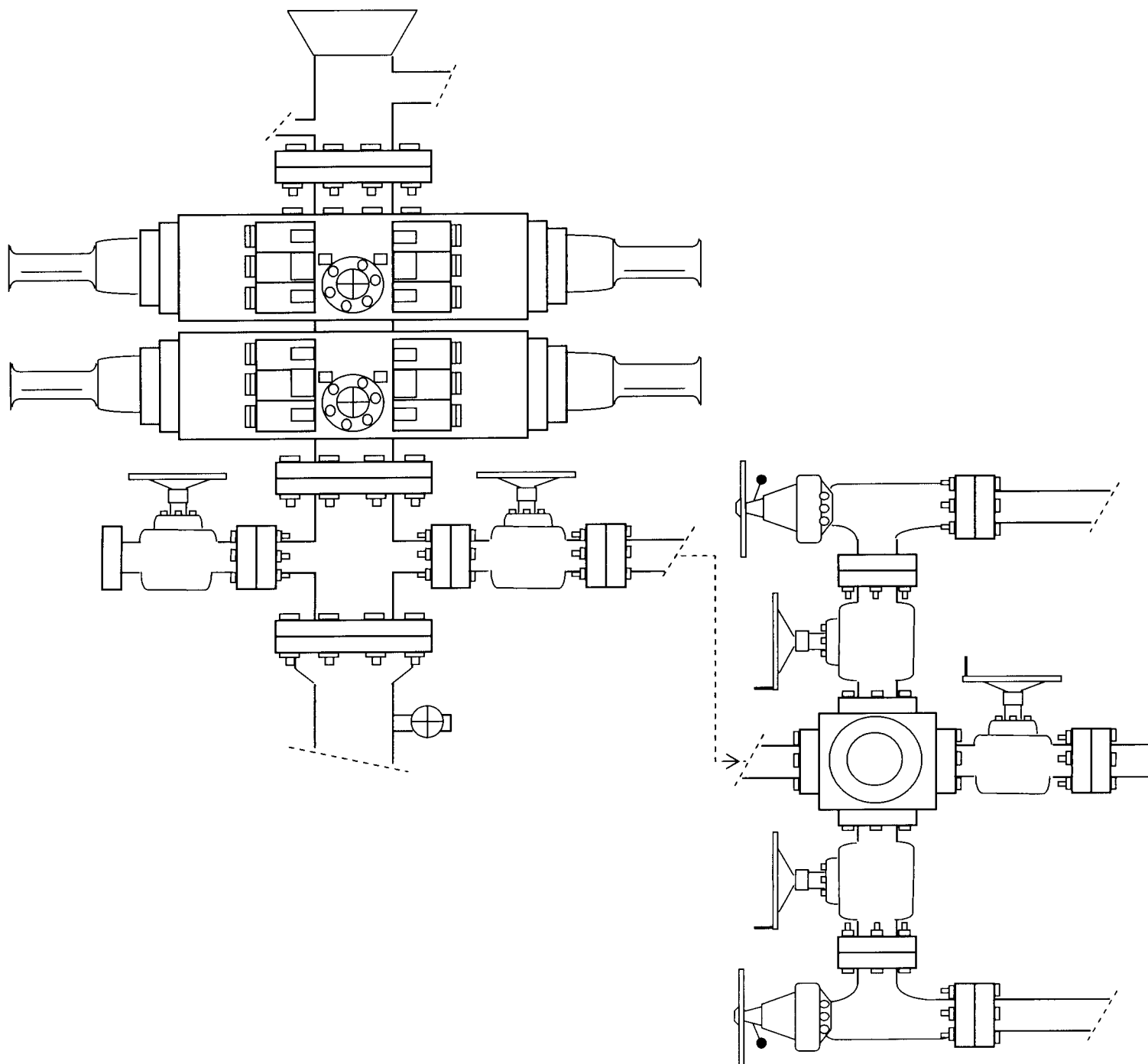


EXHIBIT C

**CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCELS
IN T9S, R17E, SEC. 19, 20, 21 & 22
DUCHESNE COUNTY, UTAH**

Exhibit "D"

1 of 2

Katie Simon

Prepared For:

**Bureau of Land Management
Vernal Field Office**

Prepared Under Contract With:

**Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052**

Prepared By:

**Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532**

MOAC Report No. 04-206

June 15, 2005

**United States Department of Interior (FLPMA)
Permit No. 05-UT-60122**

**State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0516b**

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4, SE 1/4; NW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 2, 2005

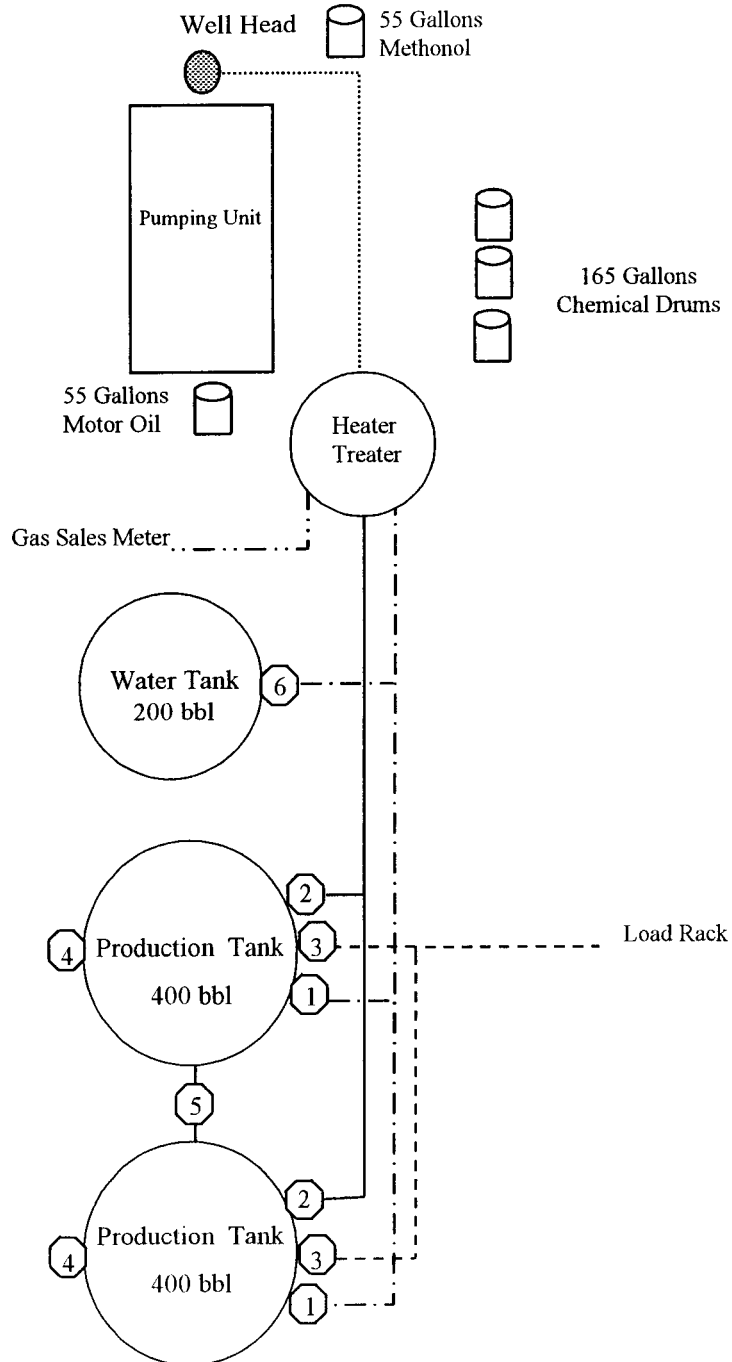
Newfield Production Company Proposed Site Facility Diagram

Lone Tree Federal 3-21-9-17

NE/NW Sec. 21, T9S, R17E

Duchesne County, Utah

UTU-75036



Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	—————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/25/2006

API NO. ASSIGNED: 43-013-33292

WELL NAME: LONE TREE FED 3-21-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWNW 21 090S 170E

SURFACE: 0799 FNL 1965 FWL

BOTTOM: 0799 FNL 1965 FWL

COUNTY: DUCHESNE

LATITUDE: 40.02162 LONGITUDE: -110.0133

UTM SURF EASTINGS: 584203 NORTHINGS: 4430413

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-75036

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. MUNICIPAL)
- ☒ RDCC Review (Y/N)
(Date:)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit: LONE TREE (GREEN RIVER)
- ☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
Board Cause No: 228.5
Eff Date: 8-26-1998
Siting: *See map General Siting*
- ☐ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1. Federal Approval

T9S R17E

LONE TREE FED
4-21-9-17

LONE TREE FED
3-21-9-17

LONE TREE FED
2-21-9-17

S PLEASANT
VALLEY FED 1-21

LONE TREE FED
5-21-9-17

LONE TREE FED
6-21-9-17

LONE TREE FED
7-21-9-17

LONE TREE FED
8-21-9-17

LONE TREE FED
12-21-9-17

LONE TREE FED
11-21-9-17

NGC FEDERAL
33-21-H

LONE TREE FED
9-21-9-17

MONUMENT BUTTE FIELD LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

LONE TREE FED
16-21-9-17

LONE TREE FED
13-21-9-17

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH

CAUSE: 228-5 / 8-26-1998

Field Status

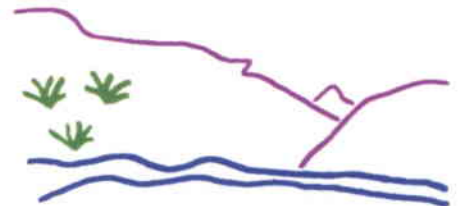
- ☒ ABANDONED
- ☒ ACTIVE
- ☒ COMBINED
- ☒ INACTIVE
- ☒ PROPOSED
- ☒ STORAGE
- ☒ TERMINATED

Unit Status

- ☒ EXPLORATORY
- ☒ GAS STORAGE
- ☒ NF PP OIL
- ☒ NF SECONDARY
- ☒ PENDING
- ☒ PI OIL
- ☒ PP GAS
- ☒ PP GEOTHERML
- ☒ PP OIL
- ☒ SECONDARY
- ☒ TERMINATED

Wells Status

- ☒ GAS INJECTION
- ☒ GAS STORAGE
- ☒ LOCATION ABANDONED
- ☒ NEW LOCATION
- ☒ PLUGGED & ABANDONED
- ☒ PRODUCING GAS
- ☒ PRODUCING OIL
- ☒ SHUT-IN GAS
- ☒ SHUT-IN OIL
- ☒ TEMP. ABANDONED
- ☒ TEST WELL
- ☒ WATER INJECTION
- ☒ WATER SUPPLY
- ☒ WATER DISPOSAL
- ☒ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 29-AUGUST-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

August 29, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Lone Tree Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33281	Lone Tree Fed 2-21-9-17 Sec 21 T09S R17E 0578 FNL 1943 FEL	
43-013-33282	Lone Tree Fed 16-21-9-17 Sec 21 T09S R17E 0683 FSL 0668 FEL	
43-013-33283	Lone Tree Fed 13-21-9-17 Sec 21 T09S R17E 0556 FSL 0415 FWL	
43-013-33284	Lone Tree Fed 12-21-9-17 Sec 21 T09S R17E 2232 FSL 0252 FWL	
43-013-33285	Lone Tree Fed 11-21-9-17 Sec 21 T09S R17E 1911 FSL 2156 FWL	
43-013-33286	Lone Tree Fed 9-21-9-17 Sec 21 T09S R17E 1809 FSL 0560 FEL	
43-013-33287	Lone Tree Fed 8-21-9-17 Sec 21 T09S R17E 2081 FNL 0827 FEL	
43-013-33288	Lone Tree Fed 7-21-9-17 Sec 21 T09S R17E 2132 FNL 1941 FEL	
43-013-33289	Lone Tree Fed 6-21-9-17 Sec 21 T09S R17E 1832 FNL 2002 FWL	
43-013-33290	Lone Tree Fed 5-21-9-17 Sec 21 T09S R17E 1975 FNL 0658 FWL	
43-013-33291	Lone Tree Fed 4-21-9-17 Sec 21 T09S R17E 0701 FNL 0557 FWL	
43-013-33292	Lone Tree Fed 3-21-9-17 Sec 21 T09S R17E 0799 FNL 1965 FWL	

Our records indicate the 13-21-9-17 and the 12-21-9-17 are closer than 460 feet from the Lone Tree Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Lone Tree Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 29, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Lone Tree Federal 3-21-9-17 Well, 799' FNL, 1965' FWL, NE NW, Sec. 21,
T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33292.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Lone Tree Federal 3-21-9-17
API Number: 43-013-33292
Lease: UTU-75036

Location: NE NW **Sec.** 21 **T.** 9 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 25 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-75036

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Lone Tree UTU-77236X

8. Lease Name and Well No.

Lone Tree Federal 3-21-9-17

9. API Well No.

43-013-33292

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NW/NW Sec. 21, T9S R17E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NE/NW 799' FNL 1965' FWL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 15.9 miles southeast of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

Approx. 675' f/lease, 799' f/unit

16. No. of Acres in lease

120.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1506'

19. Proposed Depth

5700'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5322' GL

22. Approximate date work will start*

4th Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SU/PO shall be filed with the appropriate Forest Service Office).4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Title

Regulatory Specialist

Name (Printed/Typed)

Mandie Crozier

Date

8/24/06

Approved by (Signature)

Title

Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)

TERRY KAVAKA

Office

VERNAL FIELD OFFICE

Date

4-19-2007

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

APR 27 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

07CX50104A

No NOS



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lone Tree Federal 3-21-9-17
API No: 43-013-33292

Location: NENW, Sec. 21, T9S, R17E
Lease No: UTU-75036
Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

UDOGM

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

STIPULATIONS AND NOTICES:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Golden Eagle and Mountain Plover habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect Golden Eagle and Mountain Plover habitats from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations: None as per previous field examinations and existing data.

CONDITIONS OF APPROVAL:

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- Right of way (ROW) will not be required
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Western Wheatgrass (<i>Pascopyrum smithii</i>)	6 lbs/acre
Galleta Grass (<i>Hilaria jamesii</i>)	6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-75036

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

LONE TREE FEDERAL 3-21-9-17

9. API Well No.

43-013-33292

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil
Well

☐ Gas
Well

☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

799 FNL 1965 FWL NE/NW Section 21, T9S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Permit Extension

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/29/06 (expiration 8/29/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-14-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 8-15-07
Initials: RM

RECEIVED
AUG 14 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

8/10/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33292
Well Name: Lone Tree Federal 3-21-9-17
Location: NE/NW Section 21, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 8/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Mandi Cozins
Signature

8/10/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

AUG 14 2007

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 3-21-9-17

Api No: 43-013-33292 Lease Type: FEDERAL

Section 21 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 08/20/07

Time 4:30 PM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 08/21/07 Signed CHD

RECEIVED

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

AUG 22 2007

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MILTON, UT 84062

OPERATOR ACCT. NO. N2695

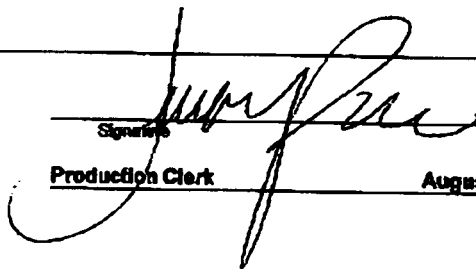
DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12276	4301333518	WELLS DRAW FED G-4-9-16	SENW	4	9S	16E	DUCHESNE	8/16/2007	8/28/07
WELL 1 COMMENTS: GRRV BHL SENW											
A	99999	16324	4301332920	FEDERAL 9-18-9-16	NESE	18	9S	16E	DUCHESNE	8/17/2007	8/28/07
GRRV											
B	99999	12417	4301333292	LONE TREE FED 3-21-9-17	NENW	21	9S	17E	DUCHESNE	8/20/2007	8/28/07
GRRV											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 6 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - new well existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature:  Jentri Park
Production Clerk
August 22, 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-75036

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
LONE TREE UNIT

8. Well Name and No.
LONE TREE FEDERAL 3-21-9-17

9. API Well No.
4301333292

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
799 FNL 1965 FWL
NENW Section 21 T9S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/31/07 MIRU Patterson # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 269'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5700'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 148 jt's of 5.5 J-55, 15.5# csgn. Set @ 5676.16/ KB. Cement with 340 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbls of Spacers to reserve pit. Nipple down Bop's. Drop slips @ 87,000 #'s tension. Release rig @ 11:00 pm 9/7/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

09/08/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 11 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5676.16

Flt cllr @ 5654.81

LAST CASING 8 5/8" Set @ 307.45

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Lone Tree Federal 3-21-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 5700' TD loggers 5693'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH		
		Landing Jt					14		
		Short jt 6.26' @ 3662.90'							
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5642.81		
							0.6		
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.1		
		GUIDE shoe			8rd	A	0.65		
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				5678.16	
TOTAL LENGTH OF STRING		5678.16	149	LESS CUT OFF PIECE				14	
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12	
PLUS FULL JTS. LEFT OUT		227.1	6	CASING SET DEPTH				5676.16	
TOTAL		5890.01	155	} COMPARE					
TOTAL CSG. DEL. (W/O THRDS)		5890.01	155						
TIMING		1ST STAGE	2nd STAGE						
BEGIN RUN CSG.		9/7/2007	11:45 AM					GOOD CIRC THRU JOB	Yes
CSG. IN HOLE		9/7/2007	3:00 PM					Bbls CMT CIRC to surfac	40 bbls Spacer Back To Surface
BEGIN CIRC		9/7/2007	3:20 PM	RECIPROCATED PIPE FOR				THRUSTROKE	
BEGIN PUMP CMT		9/7/2007	4:54 PM	DID BACK PRES. VALVE HOLD ?				Yes	
BEGIN DSPL. CMT		9/7/2007	5:45 PM	BUMPED PLUG TO				1350 PSI	
PLUG DOWN		9/7/2007	6:10 PM						
CEMENT USED		CEMENT COMPANY- B. J.							
STAGE	# SX	CEMENT TYPE & ADDITIVES							
1	340	Premlite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal +.5SMS+FP+SF							
		mixed @ 11.0 ppg W / 3.49 cf/sk yield							
2	400	50/50:2 W/ 2% Gel + 3% KCL, .5%EC1, 1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD							
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.									

COMPANY REPRESENTATIVE Don Bastian

DATE 9/8/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 05 2007

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
799 FNL 1965 FWL
NENW Section 21 T9S R17E

5. Lease Serial No.

USA UTU-75036

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 3-21-9-17

9. API Well No.

4301333292

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

10/02/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

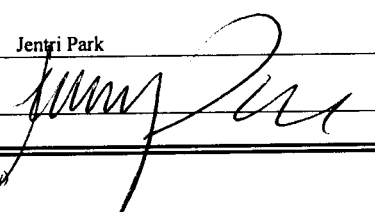
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-75036
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: LONE TREE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 799 FNL 1965 FWL		8. WELL NAME and NUMBER: LONE TREE FEDERAL 3-21-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 21, T9S, R17E		9. API NUMBER: 4301333292
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/18/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 10/01/07, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>10/18/2007</u>
(This space for State use only)	

RECEIVED
OCT 19 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

LONETREE 3-21-9-17

8/1/2007 To 12/30/2007

9/21/2007 Day: 1

Completion

Rigless on 9/20/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5617' & cement top @ 643'. Perforate stage #1, A3 sds @ 4762-96' & A1 sds @ 4724-34', 4702-14' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 208 shots. 134 bbls EWTR. SIFN.

9/25/2007 Day: 2

Completion

Rigless on 9/24/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A sds, stage #1 down casing w/ 220,906#'s of 20/40 sand in 1476 bbls of Lightning 17 frac fluid. Spot 30 gals of Techna Hib before pad. Perfs broke down @ 1180 psi. Treated @ ave pressure of 1416 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1740. 1610 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 13' perf gun. Set plug @ 4650'. Perforate B2 sds @ 4583-96', B1 sds @ 4562-66', B.5 sds @ 4528-32', C sds @ 4472-77' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 104 shots. RU BJ & frac B & C sds, stage #2 w/ 85,717#'s of 20/40 sand in 630 bbls of Lightning 17 frac fluid. Spot 30 gals of Techna Hib before pad. Perfs broke down @ 1472 psi. Treated @ ave pressure of 1473 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1731. 2240 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 350 bbls rec'd. SIFN.

9/28/2007 Day: 3

Completion

NC #1 on 9/27/2007 - 6:30AM MIRU NC#1, OWU, N/D 10,000 BOP & Frac HD. N/U 3,000 Flnge & 5,000 BOP. R/U Flr, P/U & RIH W/-4 3/4 Bit, Bit Sub, 130 Jts Tbg, eob @ 4047', SWI, 6:00PM C/SDFN, 6::00PM To 6:30PM C/Trvl

9/29/2007 Day: 4

Completion

NC #1 on 9/28/2007 - 6:30AM OWU, R/U R/pmp, Curc Well Clean Due To Oil, RIH W/-19 Jts Tbg To Fill @ 4619', R/U Nabors Pwr Swvl, C/Out To Plg @ 4650', Drill Up Plg, 34 Min Drill Time, Swvl I/Hle To Fill @ 5385', C/Out To PBTD @ 5646', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg, EOB @ 5508'. R/U Swab, RIH IFL @ Surf, Made 11 Swab Runs, Recvred 128 Bbls Wtr, Lite Trce Sand, 5% Oil Cut. FFL @ 300', Well Tried To Flow 2 Time Thru Day But Would Not Stay Flowing. SWI, 6:30PM C/SDFN. Lost 90 Bbls Wtr On Drill Out To PBTD, Total Wtr Recvery For Day = 38 Bbls.

10/2/2007 Day: 5

Completion

NC #1 on 10/1/2007 - 6:30AM OWU, RIH W/-Tbg To Fill @ 5644', R/U R/pmp, C/Out To PBTD @ 5646', Curc Well Clean, POOH W/-182 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-Tbg Production Detail Shown Below. N/D BOP, Set 5 1/2 T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp, Flsh Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x15 1/2 RHAC Rod Production String Shown Below, Seat pmp, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP

**@ 6:30PM 86" SL, 5 1/2 SPM, C/SDFN, 142 Bbls Lost For Day On C/Out To PBTD,
(Final Report).**

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 799' FNL & 1965' FWL (NE/NW) Sec. 21, T9S, R17E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33292

DATE ISSUED

08/29/07

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

08/20/07

16. DATE T.D. REACHED

09/06/07

17. DATE COMPL. (Ready to prod.)

10/01/07

18. ELEVATIONS (DF, RK 3, RT, GR, ETC.)*

5322' GL

5334' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5700'

21. PLUG BACK T.D., MD & TVD

5646'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4472'-4796'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	307'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5676'	7-7/8"	340 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 4864'	TA @ 4769'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(A3 & 1) 4762'-96', 4724'-34', 4702'-14'	.49"	4/208	4702'-4796'	Frac w/ 220,9063 20/40s and in 1476 bbls fluid
(B2, 1, .5, & C) 4583'-96', 4562'-66', 4528'-32', 4472'-77'	.49"	4/104	4472'-4596'	Frac w/ 85,717# 20/40 sand in 630 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 10/01/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15 1/2' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 85	GAS--MCF. 5	WATER--BBL. 5	GAS-OIL RATIO 59
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DIV. OF OIL, GAS & MINING

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Lone Tree Federal 3-21-9-17	Garden Gulch Mkr	3330'	
				Garden Gulch 1	3528'	
				Garden Gulch 2	3638'	
				Point 3 Mkr	3884'	
				X Mkr	4132'	
				Y-Mkr	4167'	
				Douglas Creek Mkr	4292'	
				BiCarbonate Mkr	4512'	
				B Limestone Mkr	4618'	
				Castle Peak	5142'	
				Basal Carbonate	5553'	
				Total Depth (LOGGERS)	5693'	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 09 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Additional Well: Lone Tree Area Permit
Additional Testing Required on Injection well
UIC Permit No. UT20853-00000
Well ID: UT20853-08354
Lone Tree Federal 3-21-9-17
799' FNL & 1965' FEL
NE NW Sec. 21 T9S-R17E
Duchesne County, Utah
API #43-013-33292

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Lone Tree Federal 3-21-9-17 to an enhanced recovery injection well under the Lone Tree Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit No. UT20853-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,330 feet and the top of the Wasatch Formation, estimated at 5,678 feet.

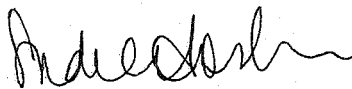
RECEIVED
APR 13 2009
DIV. OF OIL, GAS & MINING


Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a **Part 1 (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) the results of a **radioactive tracer survey within a 180-day authorization to inject**, and (4) a **completed EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Lone Tree Federal 3-21-9-17 was determined to be **1,610 psig**. UIC Area Permit UT20853-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Ms. Sarah Bahrman at (303) 312-6243 or 1-(800)-227-8917 (Ext. 312-6243). Please submit the required data to **ATTENTION: Sarah Bahrman**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



 Eddie A. Sierra
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Proposed Wellbore and P&A Wellbore schematics for Lone Tree Federal 3-21-9-17

cc: Permit Letter:
Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20853-00000

The Lone Tree Unit Final UIC Area Permit No. UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On February 5, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	<u>Lone Tree Federal 3-21-9-17</u>
EPA Well ID Number:	<u>UT 20853-08354</u>
Location:	799' FNL & 1965' FEL NE NW Sec. 21 T9S-R17E Duchesne County, Utah API #43-013-33292

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20853-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20853-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date:

APR 09 2009

for **Eddie A. Sierra**

* Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 3-21-9-17 EPA Well ID: UT20853-08354

RECEIVED

APR 13 2009

DIV. OF OIL, GAS & MININ

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Lone Tree Federal 3-21-9-17**

EPA Well ID Number: **UT20853-08354**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (internal) Mechanical Integrity test (MIT)

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a **Radioactive Tracer Survey (RTS) is required** to demonstrate no significant upward migration of injection fluids behind the casing from the injection zone. It is intended that a maximum of 180 days of injection will allow the injection zone to adequately pressurize prior to executing the RTS.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation at 3,330 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 5,678 ft. (KB).

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,610 psig**, based on the following calculation:

$MAIP = [FG - (0.433)(SG)] * D$, where

FG = 0.80 psi/ft SG = 1.015 D = **4,472 ft.** (top perforation depth KB)

MAIP = 1,610 psig

UIC Area Permit No. UT20853-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 50 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

(2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (External) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 2,493 ft. to 2,657 ft. (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 164-foot balanced cement plug inside the 5-1/2" casing from approximately 2,493 to 2,657 ft. (KB).

PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,172 ft. (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot plug inside the 5-1/2" casing from approximately 1,112-1,232 ft. (KB).

PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing to 584 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 3-21-9-17**

EPA Well ID Number: **UT20853-08354**

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 534 ft. below ground surface in the Lone Tree Federal 3-21-9-17 well.

http:NRWRT1.NR.STATE.UT.US: There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):

- TDS of the Douglas Creek Member of the Green River Formation Water: 21,113 mg/l.
- TDS of Beluga Facility Injection System source water: 8,822 mg/l.

The **injectate** is water from the Beluga Facility Injection System blended with produced Green River Formation Water resulting in TDS < 10,000 mg/l.

Aquifer Exemption is not required because the TDS of water produced from the proposed injection well is greater than 10,000 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 188 ft. of shale between the depths of 3,142 ft. and 3,330 ft. (KB).

Injection Zone: The Injection Zone at this well location is approximately 2,348 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,330 ft. (KB) to the top of the Wasatch Formation which is estimated to be at 5,678 ft. (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL does not show 80% or greater cement bond index in the Confining Zone (3,142-3,330 ft. KB). Thus, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 307 ft. (KB) in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,676 ft. (KB) in a 7-7/8" hole secured with 740 sacks of cement. Total driller depth 5,700 ft. Plugged back total depth is 5,646 ft. EPA calculates top of cement at 904 ft. Estimated CBL top of cement is 643 ft.

Perforations: Top perforation: 4,472 ft. (KB) Bottom perforation: 4,796 ft. (KB)

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following one well that penetrates the confining zone within or proximate to a 1/4 mile radius around the Lone Tree Federal 3-21-9-17 was evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

Well: Lone Tree Federal 6-21-9-17 API: 43-013-33289

SE NW Sec. 21-T9S-R17E

Corrective Action Not Required on one AOR wells:

Well: Lone Tree Federal 6-21-9-17 API: 43-013-33289

SE NW Sec. 21-T9S-R17E

Shows 38 ft of 80 percent or greater cement bond index across the confining zone.

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.

- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

U120000 00007

LONE TREE FEDERAL 3-21-9-17

Spud Date: 08/20/07
Put on Production: 10/01/07

Initial Production: BOPD,
MCFD, BWPD

✓ GL: 5322' KB: 5334'

✓ SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.60')
DEPTH LANDED: 307.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

Only 9 ft. 80% cement bond index
through CZ.

✓ PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (5662.91')
DEPTH LANDED: 5676.16' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
✓ CEMENT TOP: 643'

EPA TOCCalc = 904

TUBING

✓ SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 153 jts (4756.61')
TUBING ANCHOR: 4768.61' KB
NO. OF JOINTS: 1 jts (30.34')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4801.75' KB
NO. OF JOINTS: 2 jts (61.05')
TOTAL STRING LENGTH: EOT @ 4864.35' KB

Proposed Injection Wellbore Diagram

FRAC JOB

09/24/07 4702-4796'

Frac A3, & A1 sands as follows:
220,906# 20/40 sand in 1476 bbl Lightning 17
frac fluid. Treated @ avg press of 1416 psi
w/avg rate of 24.7 BPM. ISIP 1740 psi. Calc
flush: 4700 gal. Actual flush: 4242 gal.

09/24/07 4472-4596'

Frac B2, B1, B.5 & C sands as follows:
85717# 20/40 sand in 630 bbls Lightning 17
frac fluid. Treated @ avg press of 1473 psi
w/avg rate of 24.8 BPM. ISIP 1731 psi. Calc
flush: 4470 gal. Actual flush: 4368 gal.

307'
- 534' Base USDW (Pub 92)

- 1172' Green River

- 2543' Trona

- 2589' Mahogany Bench (to 2607')

- 3142' Confining Zone (shale)
- 3330' Garden Gulch.
- 4290' Douglas Creek
Packer 4437'

4472-4477'

4528-4532'

4562-4566'

4583-4596'

4702-4714'

4724-4734'

4762-4796'

- 5551' Basal Carbonate

PBTD @ 5646' ✓

- 5678' Wasatch

SHOE @ 5894' X

TD @ 5700'

✓ PERFORATION RECORD

09/20/07	4762-4796'	4 JSPF	136 holes
09/20/07	4724-4734'	4 JSPF	40 holes
09/20/07	4702-4714'	4 JSPF	32 holes
09/24/07	4583-4596'	4 JSPF	52 holes
09/24/07	4562-4566'	4 JSPF	16 holes
09/24/07	4528-4532'	4 JSPF	16 holes
09/24/07	4472-4477'	4 JSPF	20 holes

NEWFIELD

LONETREE FED. 3-21-9-17

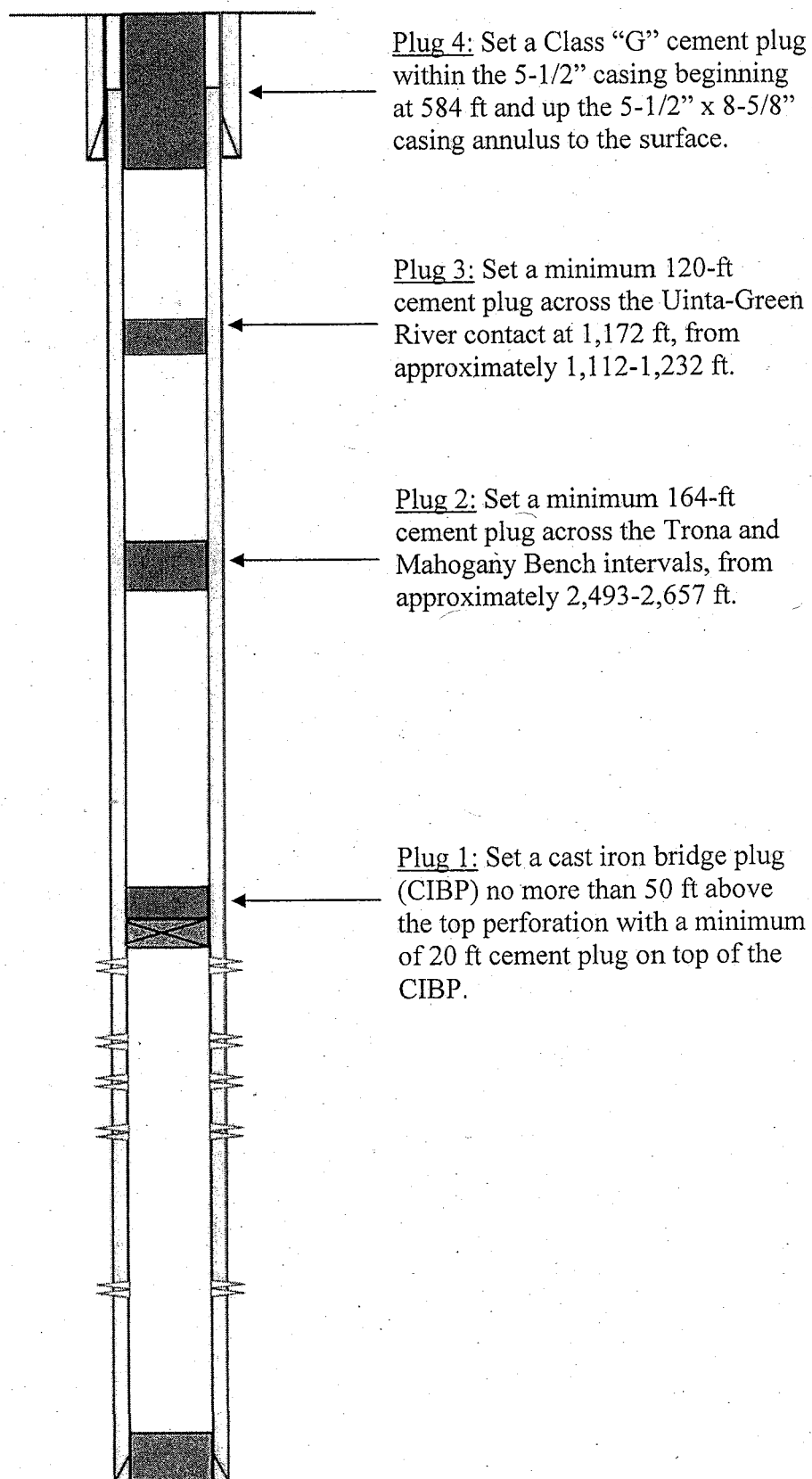
799' FNL & 1965' FWL

NE/NW Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-33292; Lease # UTU-75036

Plugging and Abandonment Diagram for Lone Tree Federal 3-21-9-17





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street - Suite 2000
Denver, Colorado 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUN 20 2012
DIV. OF OIL, GAS & MINING

RE: Underground Injection Control (UIC)
Additional Well to Lone Tree Area Permit
EPA UIC Permit UT20853-09609
Well: Lone Tree Federal 3-21-9-17
NENW Sec. 21-T9S-R17E
Duchesne County, Utah
API No.: 43-013-33292

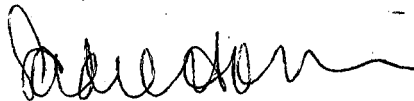
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree Federal 3-21-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit No. UT20853-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test; (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Lone Tree Federal 3-219-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20853-00000

The Lone Tree UIC Area Permit UT20853-00000, effective September 1, 1998 authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On March 23, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Lone Tree Federal 3-21-9-17
EPA Permit ID Number:	UT20853-09609
Location:	799' FNL & 1965' FWL NENW Sec. 21-T9S-R17E Duchesne County, Utah API #43-013-33292

Pursuant to 40 CFR §144.33, Area UIC Permit UT20853-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.


This well is subject to all provisions of UIC Area Permit No. UT20853-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 6/7/12



Callie A. Videtich

 ***Acting Assistant Regional Administrator**
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 3-21-9-17 EPA Well ID: UT20853-09609

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Lone Tree Federal 3-21-9-17

EPA Well ID Number: UT20853-09609

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,610 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.800 psi/ft, SG is 1.015 and D is 4,472 ft.

UIC Area Permit No. UT20853-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug

(CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone; from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.
- (4) Isolate Surface Fluid Migration Paths:
 - a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval;
OR
 - b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
 - c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 3-21-9-17**
EPA Well ID Number: **UT20853-09609**

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 572 ft. below ground surface in the Lone Tree Federal 3-21-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of

Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 3-21-9-17 EPA Well ID: UT20853-09609

enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. However, the Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 296 ft. in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,676 ft. in a 7-7/8" hole secured with 740 sacks of cement. Total driller depth is 5,700 ft. Plugged back total depth is 5,646 ft. EPA calculates top of cement at 904 ft. Estimated CBL top of cement is 157 ft.

Perforations: Top perforation: 4,472 ft. Bottom perforation: 4,796 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following two wells that penetrate the confining zone within or proximate to a 1/4-mile radius around the Lone Tree Federal 3-21-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Lone Tree Federal 6-21-9-17 API: 43-013-33289 SENW Sec. 21-T9S-R17E
This well has the Top of Cement at 31ft.

Lone Tree Federal 4-21-9-17 API: 43-013-33291 NWNW Sec. 21-T9S-R17E
This well has the Top of Cement at 52ft.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a 1/4-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.**

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided,

*Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 3-21-9-17 EPA Well ID: UT20853-09609*

either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at **<http://www.nrc.uscg.mil/index.htm>**

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

LONE TREE FEDERAL 3-21-9-17

Spud Date: 08/20/07
Put on Production: 10/01/07
GL: 5322' KB: 5334'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.60')
DEPTH LANDED: 307.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

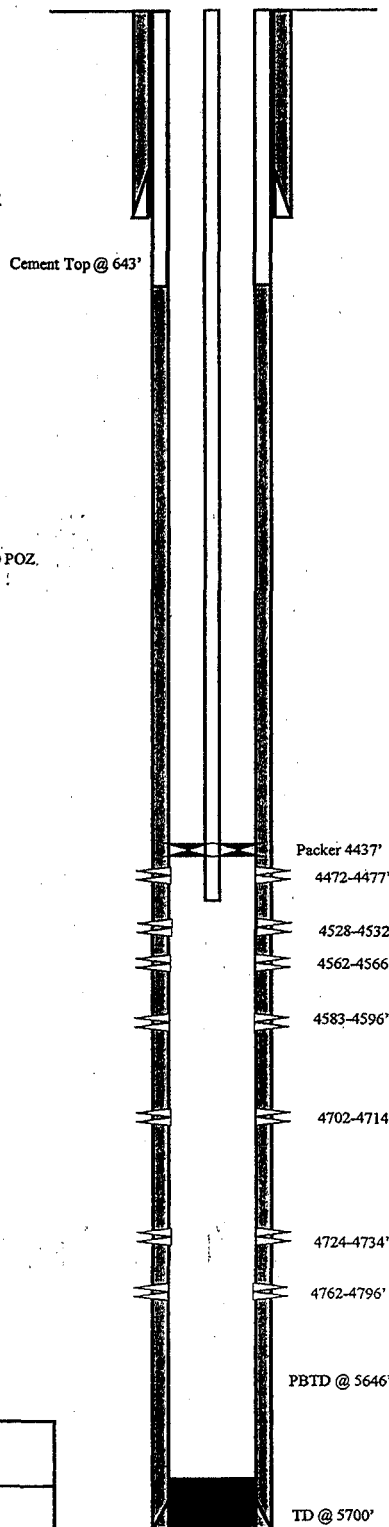
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (5662.91')
DEPTH LANDED: 5676.16' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 643'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 153 jts (4756.61')
TUBING ANCHOR: 4768.61' KB
NO. OF JOINTS: 1 jts (30.34')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4801.75' KB
NO. OF JOINTS: 2 jts (61.05')
TOTAL STRING LENGTH: EOT @ 4864.35' KB

Proposed Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

09/24/07 4702-4796'

Frac A3, & A1 sands as follows:
220,906# 20/40 sand in 1476 bbl Lightning 17
frac fluid. Treated @ avg press of 1416 psi
w/avg rate of 24.7 BPM. ISIP 1740 psi. Calc
flush: 4700 gal. Actual flush: 4242 gal.

09/24/07 4472-4596'

Frac B2,B1, B.5 & C sands as follows:
85717# 20/40 sand in 630 bbls Lightning 17
frac fluid. Treated @ avg press of 1473 psi
w/avg rate of 24.8 BPM. ISIP 1731 psi. Calc
flush: 4470 gal. Actual flush: 4368 gal.

PERFORATION RECORD

09/20/07	4762-4796'	4 JSPF	136 holes
09/20/07	4724-4734'	4 JSPF	40 holes
09/20/07	4702-4714'	4 JSPF	32 holes
09/24/07	4583-4596'	4 JSPF	52 holes
09/24/07	4562-4566'	4 JSPF	16 holes
09/24/07	4528-4532'	4 JSPF	16 holes
09/24/07	4472-4477'	4 JSPF	20 holes

NEWFIELD

LONETREE FED. 3-21-9-17

799' FNL & 1965' FWL

NE/NW Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-33292; Lease # UTU-75036

NEWFIELD



Schematic

Well Name: **Lonetree 3-21-9-17**

Surface Legal Location		API/UWI		Well RC	Lease	State/Province	Field Name	County
21-9S-17E		43013332920000		500159367		Utah	GMBU CTB6	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB)	
		10/1/2007	12					

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Clean-out	N/A	9/11/2014	9/11/2014

TD: 5,700.0

Vertical - Original Hole, 7/7/2015 1:17:41 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (° ...)	Vertical schematic (actual)
11.8					<p>1; Surface; 8 5/8 in; 8.097 in; 12-308 ftKB; 296.00 ft</p> <p>2-1; Tubing; 2 7/8; 2.441; 12-4,430; 4,418.10</p> <p>2-2; Seat Nipple; 2 7/8; 4,430-4,431; 1.10</p> <p>2-3; On-Off Tool; 2 7/8; 4,431-4,433; 1.80</p> <p>2-4; Packer; 5 1/2; 4,433-4,440; 7.00</p> <p>2-5; XO Nipple; 2 3/8; 4,440-4,440; 0.50</p> <p>2-6; Tubing Pup Joint; 2 3/8; 4,440-4,445; 4.10</p> <p>2-7; XN Nipple; 2 3/8; 4,445-4,446; 1.60</p> <p>Perforated; 4,472-4,477; 9/21/2007</p> <p>Perforated; 4,528-4,532; 9/21/2007</p> <p>Perforated; 4,562-4,566; 9/21/2007</p> <p>Perforated; 4,583-4,596; 9/21/2007</p> <p>Perforated; 4,702-4,714; 9/20/2007</p> <p>Perforated; 4,724-4,734; 9/20/2007</p> <p>2; Production; 5 1/2 in; 4.950 in; 12-5,676 ftKB; 5,664.20 ft</p>
12.1					
13.1					
266.7					
307.1					
307.4					
308.1					
321.9					
399.9					
4,000.0					
4,430.1					
4,431.1					
4,433.1					
4,440.0					
4,440.3					
4,444.6					
4,446.2					
4,472.1					
4,477.0					
4,527.9					
4,532.2					
4,562.0					
4,565.9					
4,583.0					
4,596.1					
4,702.1					
4,713.9					
4,724.1					
4,733.9					
5,653.9					
5,654.5					
5,675.5					
5,676.2					
5,700.1					

NEWFIELD



Newfield Wellbore Diagram Data Lonetree 3-21-9-17

Surface Legal Location 21-9S-17E			API/UWI 43013332920000		Lease
County DUCHESNE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 8/20/2007		Spud Date		On Production Date 10/1/2007	
Original KB Elevation (ft) 12	Ground Elevation (ft)	Total Depth (ftKB) 5,700.0		Total Depth All (TVD) (ftKB)	
			PBTD (All) (ftKB)		

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/24/2007	8 5/8	8.097	24.00	J-55	308
Production	9/7/2007	5 1/2	4.950	15.50	J-55	5,676

Cement

String: Surface, 308ftKB 8/24/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 307.5	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,676ftKB 9/7/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 400.0	Bottom Depth (ftKB) 4,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 5SMS+FP+SF mixed @ 11.0 ppg W / 3.49 cf/sk yield	Fluid Type Lead	Amount (sacks) 340	Class PL II	Estimated Top (ftKB) 400.0

String: Production, 5,676ftKB 9/7/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 4,000.0	Bottom Depth (ftKB) 5,676.2	Full Return?	Vol Cement Ret (bbl)
Fluid Description 50/50.2 W/ 2% Gel + 3% KCL, 5%EC1, 1/4# skC.F.2%SF+.3% SMS+FP-6L mixed @14.4 ppgW/ 1.24YLD	Fluid Type Tail	Amount (sacks) 400	Class 50/50 Poz	Estimated Top (ftKB) 4,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					2/26/2014		4,446.1	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	142	2 7/8	2.441	6.50	J-55	4,418.10	11.9	4,430.0
Seat Nipple		2 7/8				1.10	4,430.0	4,431.1
On-Off Tool		2 7/8				1.80	4,431.1	4,432.9
Packer		5 1/2				7.00	4,432.9	4,439.9
XO Nipple		2 3/8				0.50	4,439.9	4,440.4
Tubing Pup Joint		2 3/8				4.10	4,440.4	4,444.5
XN Nipple		2 3/8				1.60	4,444.5	4,446.1

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
1	C. Original Hole	4,472	4,477	4	120		9/21/2007
1	B.5, Original Hole	4,528	4,532	4	120		9/21/2007
1	B1, Original Hole	4,562	4,566	4	120		9/21/2007
1	B2, Original Hole	4,583	4,596	4	120		9/21/2007
2	A1, Original Hole	4,702	4,714	4	120		9/20/2007
2	A1, Original Hole	4,724	4,734	4	120		9/20/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,740	0.8	24.8	1,640			
2	1,731	0.82	24.8	1,660			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Sand Bulk Sand 220906 lb
2		Sand Bulk Sand 85717 lb

NEWFIELD



March 7, 2014

Mr. Jason Deardorff
US EPA Region 8
8P-W- UIC
1595 Wynkoop Street
Denver CO 80202

RE: Injection Conversion
Well: Lone Tree Federal 3-21-9-17
EPA #: UT22197-10258
API #: 43-013-33292

Dear Mr. Deardorff:

21 9S 17E

The subject well was converted from a producing oil well to a water injection well. Attached are the EPA Form 7520-12, an updated wellbore diagram, MIT Pressure Test, a copy of the chart, and Daily Activity report.

The shallowest perforation for this well is 4472'. The Fracture Gradient for this well is 0.854. The MAIP for this well has been calculated to be $1850 - \text{MAIP} = [\text{FG} - (0.433) (\text{SG})] * \text{Depth}$.

The GG2 @ (3636.7') in the 3-21-9-17 well has a calculated pore pressure of 1636.5 psia. This is calculated using a pore pressure gradient of 0.45 psi/ft. $(0.45 \text{ psi/ft} \times 3636.7' = 1636.515 \text{ psi})$. Since the GG2 is a normally pressured, non-depleted zone, this is a valid estimate of pore pressure. RDT pressure data collected in Greater Monument Butte also supports this calculation.

You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

Sundry Number: 48794 API Well Number: 43013332920000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-75036																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																														
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: LONE TREE FED 3-21-9-17																														
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013332920000																														
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0799 FNL 1965 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 21 Township: 09 OS Range: 17.0E Meridian: S		COUNTY: DUCHESNE																														
		STATE: UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/27/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input checked="" type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMINGLE PRODUCING FORMATIONS</td> <td><input checked="" type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> S/TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> S/TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 02/26/2014. Initial MIT on the above listed well. On 02/27/2014 the casing was pressured up to 1310 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.</p> <p style="text-align: center;">EPA# UT22197-10258</p>																																
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874																														
SIGNATURE N/A		TITLE Water Services Technician																														
		DATE 3/13/2014																														

RECEIVED: Mar. 13, 2014

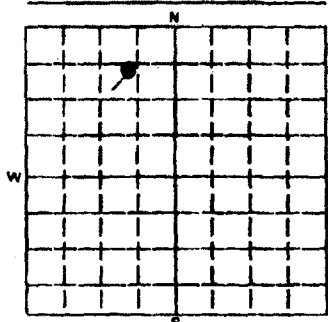
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Newfield Production Company
410 17th Street, Suite 700
Denver, Colorado 80202-4402NAME AND ADDRESS OF CONTRACTOR
Same as Permittee

STATE Utah	COUNTY Duchesne	PERMIT NUMBER UT22197-10258
SURFACE LOCATION DESCRIPTION 1/4 OF NE 1/4 OF NW SECTION 21 TOWNSHIP 9S RANGE 17E		
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location 799 ft. from (N/S) N Line of quarter section and 1965 ft. from (E/W) W Line of quarter section		
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name Lone Tree Federal	Total Depth Before Rework (ft) 5700 Total Depth After Rework (ft) 5700 Date Rework Commenced 2/24/2014 Date Rework Completed 2/27/2014	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells 1 Well Number 3-21-9-17

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT -- 640 ACRES

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth (ft)	Sacks	Type	From	To	
8 5/8"	308	160	Class "G"	4702	4734	Perf and frac
5 1/2"	5676	340	Prem Lt II	4472	4596	Perf and frac
		400	50/50 Poz.			

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

See attached "Daily Workover Report"

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)

Lucy Chavez-Naupoto
Water Services Technician

SIGNATURE

DATE SIGNED

March 7, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2/27/14
Test conducted by: JOHNN SZIM
Others present: _____

-10258

Well Name: <u>LONGVIEW FEDERAL 3219.17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>GREATER MONUMENT BUTTE UNIT</u>		
Location: <u>3</u> Sec: <u>21</u> T: <u>9</u> N: <u>(S)</u> R: <u>17</u> E: <u>W</u> County: <u>DEFEENSE</u> State: <u>UTAH</u>		
Operator: <u>NEWFIELD EXPLORATION COMPANY</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1309 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1310</u> psig	psig	psig
5 minutes	<u>1309</u> psig	psig	psig
10 minutes	<u>1310</u> psig	psig	psig
15 minutes	<u>1310</u> psig	psig	psig
20 minutes	<u>1309</u> psig	psig	psig
25 minutes	<u>1310</u> psig	psig	psig
30 minutes	<u>1310</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

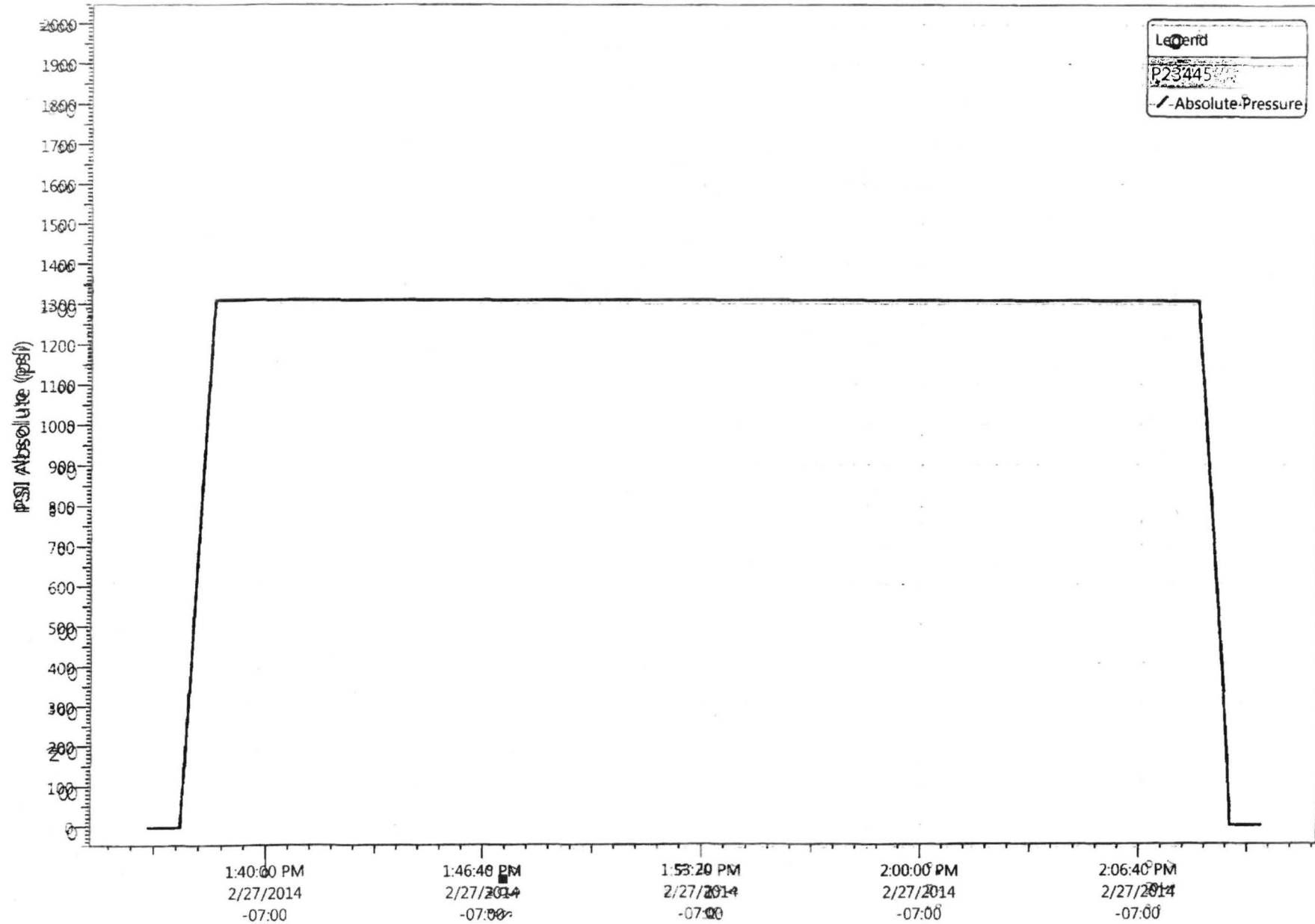
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Long Tree Federal 3-21-9-17 Conversion (2-27-14)

2/27/2014 1:33:49 PM



NEWFIELD



Job Detail Summary Report

Well Name: Lonetree 3-21-9-17

Jobs

Primary Job Type Conversion	Job Start Date 2/24/2014	Job End Date
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
2/24/2014	2/24/2014	MIRU UNHANG HORSE HEAD AND RODS. POOH RODS
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
Start Time	End Time	Comment
07:00	08:15	RU RIG. PUMP 50 BBLS DOWN CSG @ 250 DEGREES
Start Time	End Time	Comment
08:15	08:45	UNHANG HORSE HEAD AND RODS
Start Time	End Time	Comment
08:45	09:30	UNSEAT PUMP AND FLUSH RODS WITH 40 BBLS WATER @ 250 DEGREES
Start Time	End Time	Comment
09:30	10:00	LOAD TBG WITH 20 BBLS WATER AND PT TO 3000 PSI. GOOD TEST. BD PRESSURE
Start Time	End Time	Comment
10:00	13:00	POOH WITH RODS LAYING DOWN ON TRAILER.
Start Time	End Time	Comment
13:00	14:00	ND WH. RELEASE TAC, NU BOP, RU WORK FLOOR.
Start Time	End Time	Comment
14:00	17:30	START POOH WITH TBG AND TAC WAS HANGING UP, HAD TO ROTATE AND DROP CATCH NUMEROUS TIMES TO GET IT TO FREE UP. POOH WITH 88 JNTS TBG BREAKING EVERY CONNECTION AND CLEANING AND INSPECTING THREADS FOR DAMAGE OR GALLING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
17:30	19:00	TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary
2/25/2014	2/25/2014	CHECK TBG CSG PRESSURE. PU/MU PKR ASSY, TIH PKR ASSY
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME. HAD HOT OILER PUMP 30 BBLS TBG FLUSH BEFORE 7 AM.
Start Time	End Time	Comment
07:00	09:45	CHECK TBG AND CSG PRESSURES, BOTH ON VACUUM FROM HOT OILER PUMPING TBG FLUSH. FINISH POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GALLING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. LD 14 JNTS EXCESS TBG FROM BOTTOM OF TBG STRING
Start Time	End Time	Comment
09:45	11:15	PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 142 JNTS TBG.
Start Time	End Time	Comment
11:15	12:00	PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN. PRESSURE UP TBG TO 3000 PSI.
Start Time	End Time	Comment
12:00	17:30	PT TBG TO 3000 PSI AND START TIMER. FAILED TEST. BUMP UP AND RETEST NUMEROUS TIMES. NEVER GOT A GOOD TEST, BUMPED UP TO 3200 PSI FOR THE NIGHT, SWIFN, CLEAN LOCATION, SDFN.
Start Time	End Time	Comment
17:30	19:00	TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary
2/26/2014	2/26/2014	RU SANDLINE AND FISHING TOOLS, RIH TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. ND WH, SET PACKER AND PACK OFF, LAND TBG IN 16K TENSION, NU WH
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
Start Time	End Time	Comment
07:00	08:00	CHECK TBG PRESSURE, 2100 PSI, BUMP UP TO 3000 PSI AND RETEST, FAILED TEST.



Job Detail Summary Report

Well Name: Lonetree 3-21-9-17

Start Time	08:00	End Time	08:45	Comment
				RU SANDLINE AND FISHING TOOLS, RIH TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS.
Start Time	08:45	End Time	11:45	Comment
				PUMP 10 BBLs PAD AND DROP S.V. PUMP TO PSN AND START PT TBG, FAILED TEST AND BUMP UP AGAIN, FINALLY GOT A GOOD TBG TEST
Start Time	11:45	End Time	12:30	Comment
				RU SANDLINE AND FISHING TOOLS, RIH TO CATCH S.V. POOH WITH SANDLINE AND TOOLS, RD TOOLS.
Start Time	12:30	End Time	13:00	Comment
				RD WORK FLOOR, ND BOP LAND TBG ON WH, NU WH.
Start Time	13:00	End Time	13:45	Comment
				PUMP 50 BBLs PACKER FLUID DOWN CSG.
Start Time	13:45	End Time	14:15	Comment
				ND WH, SET PACKER AND PACK OFF, LAND TBG IN 16K TENSION, NU WH
Start Time	14:15	End Time	17:00	Comment
				LOAD CSG WITH 20 BBLs FLUID, PRESSURE UP TO 1400 PSI AND START PT CSG, FAILED TEST, HAD TO BUMP UP AND RETEST, NEVER GOT A GOOD CSG TEST. BUMP UP AND LEAVE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN
Start Time	17:00	End Time	18:30	Comment
				TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary		
2/27/2014	2/27/2014	Conduct initial MIT		
Start Time	01:40	End Time	02:10	Comment
				Initial MIT on the above listed well. On 02/27/2014 the casing was pressured up to 1310 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10258